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#### CLOTHING ALMANAC NO. 16

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## SOUTH CENTRAL ASIA

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Research and Development Division
Office of The Quartermaster General
October 1951

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# Department of the Army OFFICE OF THE QUARTERMASTER GENERAL Research and Development Division

Environmental Protection Branch

Clothing Almanac No. 16

#### SOUTH CENTRAL ASIA

Washington, D. C.

October 1951

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#### **PHOTOGRAPHS**

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#### INTRODUCTION

- l. <u>PURPOSE</u>. Clothing Almanacs show monthly requirements for items of military clothing to be used in a particular region. They are intended to aid logistic planners by indicating not only the most suitable military clothing for each month, but also the climatic and geographic conditions which make such clothing suitable. The tables can be used in planning clothing issue and seasonal clothing renovation, in scheduling warehouse operations to make maximum use of critical space, in estimating the probable amounts of use and wear of various items and consequent requirements for their replacement.
- a. <u>Distribution</u>. The Almanacs are distributed for guidance to theater, Army, and other commanders responsible for authorizing the issue of discretionary items, and for information to commanders of posts, camps, stations, and divisions or equivalent organizations.
- 2. <u>DESCRIPTION</u>. Clothing Almanacs supplement T/A 21, which specifies total yearly clothing allowances for each of seven world-wide zones. Each T/A 21 Clothing Allowance Zone is based on the average temperatures of the coldest and warmest months, as shown in Table 1.

TABLE 1: CLOTHING ALLOWANCE ZONES OF T/A 21

	Zone	Average Temperat	ture (°F) of Warmest Month
I	Tropical	Above 68	Above 68
II	Semitropical	50 to 68	Above 68
III	Warm Temperate	32 to 50	Above 68
IV	Mild Temperate	32 to 50	50 to 68
V	Cool Temperate	Below 32	Above 68
VI	Cold Temperate	14 to 32	50 to 68
VII	Arctic	Below 14	Below 68

For each zone, T/A 21 lists the items that are required or mandatory. It also lists for each zone the items that are <u>discretionary</u>. (Discretionary items are not required by all personnel within the respective zones, but they are essential to the operating efficiency of certain personnel because of duty assignments which may involve greater exposure to environmental conditions.) Within the framework of T/A 21, Clothing Almanacs show monthly clothing requirements in specific regions, indicating essential items in these regions.

- a. Basis. Clothing Almanacs are based on a detailed study of local environmental conditions. Each Almanac specifies the clothing most likely to be needed by troops for adequate protection against these conditions during round—the—clock operations. Of primary concern in preparing an Almanac is the amount and kind of clothing needed by a soldier in the field while his activity is relatively light. During strenuous activity, troops need less clothing; when completely at rest, they require more to remain comfortable. Clothing Almanacs show the items that will give troops adequate protection for at least 90 percent of the time, and in an average year any particular item can be expected to be used at least 30 percent of the time during the months specified.
- b. Regions. Clothing Almanacs are issued for particular regions (e. g., Western Europe, Central Europe, Southwest Asia, etc.), which may include parts of two or more T/A 21 Clothing Allowance Zones. Each Clothing Almanac Region is further subdivided into a number of Clothing Requirement Areas, according to differences in monthly clothing requirements. Although all Clothing Requirement Areas within any one of the T/A 21 Clothing Allowance Zones have the same basic annual clothing allowances, they differ in monthly clothing needs.
- (1) Clothing Requirement Areas are of two types, nonmountainous and mountainous. The latter are given a special designation to indicate that field conditions and, consequently, clothing requirements may change rapidly within a relatively short horizontal distance. The mountainous areas are divided into elevation intervals, each of which has different clothing needs. Thus, in effect, each interval represents a Clothing Requirement Area and clothing needs of troops operating within mountains can be determined for any elevation.
- (2) Each Clothing Requirement Area is assigned an identifying symbol. Nonmountainous Areas are designated by Roman numerals of the Clothing Zones in which they occur, together with an identifying <u>letter</u> (e. g., II-A). Mountainous Areas are designated by the Roman numerals of the Clothing Allowance Zones of their lowest elevations, together with an identifying <u>number</u> (e. g., II-2). Although Clothing Requirement Areas in different Clothing Almanacs may have identical designations, they do not necessarily have the same environmental conditions or monthly clothing requirements. For example, monthly clothing requirements in Southeast Europe III-A are not necessarily the same as those in South Central Asia III-A.
- c. Map. Clothing Requirement Areas of the Region are shown on a map in the back of the Almanac. Distinctive boundaries separate Clothing Allowance Zones; single-line boundaries separate the individual Clothing Requirement Areas. Each Area is numbered according to the system outlined above.

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- d. <u>Tables</u>. For each Clothing Requirement Area or mountain elevation interval there is a table in the Clothing Almanac. Months are shown along the top, and the clothing items are listed on the left-hand side of the page. Need for an item is shown by a solid bar drawn opposite the item and in the proper month-column. The absence of such a bar means that the item is not needed in that month. For each mountain interval, elevations in feet above sea level are given at the top of the page.
- e. New Items. All items listed in the clothing tables are authorized in T/A 21, Mobilization, 27 Jan 50, for the respective zones. As improvements are made and new items are standardized, they automatically replace the older ones in the tables as well as in requisitions. Upon standardization of completely new items, which are not simply improvements but are so different as not to be comparable to older items, special instructions for their use will be furnished in official Quartermaster publication.
- f. <u>Items Listed</u>. In the tables, the clothing items have been grouped and arranged alphabetically under the headings of Body Clothing, Footgear, Handgear, Headgear, and Sleeping Equipment. For many items, model numbers, shade numbers, etc., have been eliminated to conserve space.
- (1) Both discretionary and mandatory items are included in the tables. Discretionary items are indicated by an asterisk (\*). In some mountainous areas, a few items are listed in accordance with T/A 21, Mbl, par. 3e, which provides that "in rugged terrain commanders may, at their discretion, authorize the allowance proper for the next colder zone than that in which the Area falls."
- (2) No requirements are shown for specialized equipment, such as that for low-mountain and alpine areas, (T/A 21, Part III, Section II) which may be authorized by the commanding general, theater of operations, or by the Department of the Army for individuals undergoing special training in continental United States. (Boots, ski-mountain are considered specialized.)
- (3) Certain items which are mandatory throughout the world, such as <u>Drawers</u>, cotton and <u>Belt</u>, waist are not included in the Clothing Requirement Tables, but are included in summary tables.
- (4) Also excluded are items in the nature of equipment rather than clothing: insignia, toilet articles, knives, snowshoes, tents, steel helmets, etc.
- (5) Under the heading "Anti-Insect" need is indicated for: Gloves, mosquito, Headnet, mosquito, Bar, insect, field, and Repellent, insect.



Figure 1: Large sections in the mountains of Northern India, Pakistan, and Afghanistan remain snow covered for long periods during winter. Overwhite camouflage clothing is recommended for use by troops operating in such areas. View of western Pakistan, southwest of Ghazni (Area III-1).

Figure 2: The coastal lowlands and the river valleys throughout India contain many permanent swamps. Stagnant pools are often sprayed by hand to prevent the breeding of mosquitoes. Troops operating in these areas should be provided with, and make frequent use of, Anti-insect items.



## RESTRICTED-SECURITY INFORMATION

#### CLOTHING ALMANAC FOR SOUTH CENTRAL ASIA

#### 1. GENERAL.

Between Oriental southeast Asia and Arabic southwest Asia, extending southward from the high Himalayas into the Indian Ocean, is the large peninsular extension of South Central Asia (India, Pakistan, Afghanistan, Nepal and Bhutan, together with Ceylon and the Laccadive, Maldive, and Chagos Island groups). The region exhibits an intermixture of cultural traits of former invading hordes from nearby territories as well as considerable physical diversity. It contains some of the wettest spots on earth as well as some of the driest; some of the world's highest and largest mountain ranges bordering on some of the most expansive river lowlands. There are distinct seasonal temperature changes in the north, year-round warmth in the south, and sharp contrasts between rainy and dry seasons nearly everywhere.

Four of the T/A 21 World Clothing Allowance Zones (I, II, III, and V) are represented in this region. These in turn are subdivided into 11 Clothing Requirement Areas, including four mountainous Areas. Tables showing the clothing requirements for troops operating within the region are given at the end of this Almanac.

#### 2. GEOGRAPHICAL FACTORS.

- a. <u>Location and Size</u>. South Central Asia projects southward as one of the major peninsulas of southern Asia, bridging the space between arid southwest Asia and the wet lands of southeast Asia. It is located approximately between 61° and 97° E. longitude, and 8° S. and 38° N. latitude. In size, it is only slightly smaller than the 22 states of the United States west of the Mississippi River. The region is bounded on the west by Iran; on the north (from west to east) by the U. S. S. R. and China (Sinkiang, Tibet, and Sikang); on the east by Burma; and on the south by the Bay of Bengal, Indian Ocean, and Arabian Sea.
- b. <u>Landforms</u>. The diverse landforms of this region may be grouped roughly into four general physiographic types: 1) mountains, 2) river and coastal lowlands, 3) interior plateaus and associated uplands, and 4) interior drainage basins.
- (1) Mountains. In the north the region is in effect separated from the rest of Asia by a great wall of mountains composed of the Hindu Kush (Area III-1), the Karakoram, and the Himalayas (Area V-1) which have lower offshoots in the Naga Hills and the Khasi Hills of Assam (Area II-1).

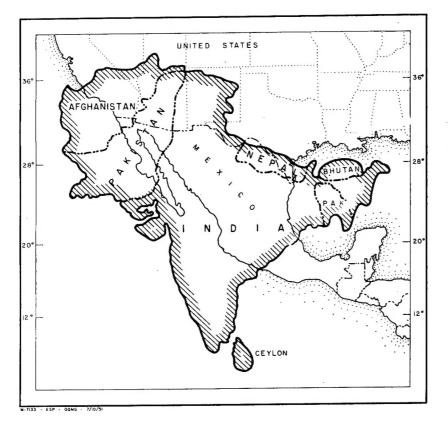


Figure 3: South Central Asia superimposed on North America.

These northern mountains contain two of the highest peaks in the world: Mt. Everest (29,140 feet) in the central Himalayas, and Mt. K-2 (28,250 feet), sometimes referred to as Mt. Godwin Austin, in the Karakoram range. Many of the higher surfaces of the ranges are between 10,000 and 20,000 feet in elevation. Transportation across the mountains is difficult, but possible through a few high passes. Such passes are generally closed for several months by heavy winter snowfall. The passes most frequently used are those near the eastern border of Afghanistan; through them have passed numerous invading armies since the dawn of history.

The Western Ghats (Area I-1) rise sharply from the west coast of India to average heights of 5,000 to 6,500 feet. They form a well-defined escarpment between the plateau and the coastal area, interfering somewhat with east-west communication. The rugged interior mountains of Ceylon, with elevations up to 8,000 feet, form a detached section of Area I-1.

Clothing in these mountain areas varies with latitude and altitude. Lightweight warm weather clothing (Table 6) will be sufficient for lower levels of all mountain areas during summer, but heavier clothing is required at higher levels in the northern chain. In winter, warmer clothing

will be needed in all mountain areas. Parka & Trousers, field, overwhite and Mittens, overwhite are recommended for camouflage purposes in snow-covered mountain areas from November through February (Fig. 1). Shoepacs, which furnish good traction and have good water repellent qualities, are the best footgear for wear at higher elevations in this region, except in winter above 10,000 feet in the Karakoram and Himalayas, where Boots, Arctic, felt or Boots, ski-mountain may be needed.

(2) River and Coastal Lowlands. Directly south of the northern mountains, forming a great lowland arc from the Arabian Sea to the Bay of Bengal, is one of the most important plains in the world, the Indus-Ganges river plain. It is more than 2,000 miles long and generally from 150 to 200 miles in width. The "dead" flatness, the monotony of which is not broken even by low mounds, is one of the outstanding features of the plain. The Indus and Upper Ganges sections are extremely dry, and irrigation is necessary for crop production; the lower Ganges plain, on the other hand, receives adequate seasonal rainfall, and is a highly productive agricultural section. The Brahmaputra valley forms a northeastward extension of the Indus-Ganges plain.

The rivers draining the Indus-Ganges plain start in the high Himalayas (Area V-1), and flow swiftly toward the plain. Their heavy loads of erosional material are deposited in the lowlands, often in the form of large, swampy deltas. Tributary streams from the mountains often cause rainy season floods in the valleys, but they furnish a supply of water to the plains even in the dry season.

Other river valleys are important locally. On the great Deccan Plateau smaller rivers have cut deep valleys which serve as easy routes of travel into the interior. Most of these Deccan rivers, such as the Godavari, Penner, Cauvery, Kistna, and Mahanadi, flow eastward; only two sizeable rivers flow westward: the Narbada and Tapti.

The coastal plains bordering the Arabian Sea on the west, and the Bay of Bengal on the east, are narrow and discontinuous. The plains are agriculturally productive and densely populated, and are the site of numerous large coastal cities. Lightweight warm weather clothing provides ample protection all year.

(3) Interior Plateaus and Associated Uplands. The largest part of the peninsula of India, the Deccan Plateau, (Parts of Areas I-A, II-A, and II-C) is composed of hard rock. This high, rolling plateau is bounded on the west by the Western Ghats, on the east by the low, gently sloping Eastern Ghats, and on the north by the eroded Northern Highlands of Rajputana. The Northern Highlands and Eastern Ghats, though higher than the Plateau, prove no serious barrier to communication. Avenues of

transportation are easiest along river valleys. Surrounded by mountains, the plateau is drier than would otherwise be expected, and irrigation is needed for agriculture in many places. Subtropical forests, which cover the region, vary in appearance with seasonality of rainfall. Wet forests contain little undergrowth, but the so-called dry forests have very thick bush undergrowth. Where there are definite periods of drought, deciduous trees lose their leaves during the dry season. Warm weather clothing may be used in most of the area except in the northern sections where heavier clothing will be necessary for protection and comfort in winter (December through February).

(4) Interior Drainage Basins. Hot, dry deserts of interior drainage occupy the western portion of the Indus-Ganges plain in India, southwestern Pakistan, and western and southern Afghanistan (Areas II-C, III-A and III-B). These desert surfaces consist of sandy wastes interrupted by rocky hills and waterless valleys. Most of the surface is bare except where low, sparse, desert shrub vegetation forms a scanty cover. Rainfall seldom exceeds five inches annually. Some sizeable rivers flow into the deserts from mountain sources, but the majority of them end in dry playa lakes and never reach the coast. The Indus is the only major river flowing through the deserts to the sea. The deserts are thinly populated by nomadic herdsmen, though irrigation supports dense populations locally. These deserts are formidable barriers to man's movements; sources of potable water are few, and transportation routes are scarce and poorly constructed.

Clothing tables (II-C, III-A, and III-B) indicate the use of Warm Weather Clothing for approximately six months of the year in these interior deserts. During the six cooler months (October through March) heavier Cool Weather Clothing is necessary for protection and comfort.

c. Climate. The climate of India, Ceylon, eastern Pakistan, and the island groups is essentially tropical monsoon, with heavy summer rainfall and dry winters. The seasonal rhythm dominates all phases of human activity. Afghanistan, Nepal, Bhutan, and part of Pakistan, however, are largely beyond the influence of the strong monsoon. Here the climate is generally dry and sunny, characterized by wide daily and seasonal temperature ranges. The high mountain sections have very cold winters and hot summers. Precipitation, most of which falls between December and April, seldom exceeds 20 inches. Snow occurs in January and February, followed by a rainy season in March and April.

Four seasons characterize most of South Central Asia: 1) the cool season of January and February; 2) the hot season from March to the middle of June; 3) the rainy season from the middle of June to the middle of September; and 4) the transition season from the middle of September through December. Precise dates of these seasons vary from year to year and region to region.

(1) Cool Season (January and February). January is a typical cool weather month. Mean temperature decreases from south to north throughout

the region, and from lower to higher elevations in mountain areas (Table 2). Throughout most of the region, days are warm and comfortable, but nights are cold and light frosts are frequent. Winter is a rainless and cloudless season. The general wind direction is from the northeast, but local winds are influenced greatly by terrain. Topography also plays an important part in temperature distribution. The Himalayas form an effective barrier against the very cold winter air which sweeps southward out of interior Asia. At only a few stations are average temperatures for January below freezing.

There are few exceptions to this rainless and cloudless cool season condition. Ceylon and the southern tip of India have precipitation and cloudy weather during winter. The extreme northwestern section of India and Pakistan and most of Afghanistan are affected by storms from December through March. These storms originate over the Mediterranean Sea and travel eastward bringing precipitation to Iran, Afghanistan, and the plains of the Punjab. This precipitation is deposited as snow on the highlands of the section (Fig. 1).

Throughout the region, clothing for this season varies from the heaviest to the lightest weight. Heavy wool items are necessary throughout the northern mountain rim and foothills. The Parka and Trousers, field, overwhite and Mittens, overwhite are required for camouflage purposes where snowfall is heavy, generally above 5,000 feet. Boots, service, combat, russet are recommended for use on the peninsula and in river valleys. Shoepacs should be used in all mountain areas where snow or wet ground conditions exist. Boots, Arctic, felt may be used by troops operating above 10,000 feet in the northern mountain belt where cold-dry conditions prevail, but where special climbing operations are involved, the more durable Boots, ski-mountain are needed (Fig. 4). The Poncho, light-weight, od, provides adequate protection from rain even in Ceylon and the southern tip of India.

TABLE 2: COOL, HOT, AND RAINY SEASON TEMPERATURES (°F)
IN SOUTH CENTRAL ASIA

STATION	ELEV.		JANUAR	Ľ		MAY			JULY	
	(ft.)	Mean	Mean Max.	Mean Min.	Mean	Mean Max.	Mean Min.	Mean	Mean Max.	Mean Min.
Colombo	23	79	87	72	83	88	78	81	85	77
Madras	23	76	85	67	89	98	81	87	95	79
Calcutta	23	67	78	56	86	95	78	84	89	79
Bombay	36	78	83	68	86	91	81	81	85	78
Karachi	77	62	76	49	86	94	78	86	90	81
Delhi	718	59	70	48	92	104	80	88	95	81
Lahore	702	55	69	40	88	104	72	90	100	80
Cherrapunji	4309	53	60	46	66	72	60	69	72	65
Kabul	5955	31	43	18	66	81	51	76	92	60

(2) <u>Hot Season (March to mid-June)</u>. The hot season extends from March to the middle of June and is chacterized by drought, heat, and great diurnal variations in temperature (Table 2). In most of the region highest temperatures are experienced in April, May, or June before the onset of the monsoonal rains. Average June temperatures of 85° to 90°F are common. During late May and early June, onshore winds bring considerable rain and violent thunderstorms to southern India and Ceylon, and by late June the monsoon is evident farther north. In drier sections of northwest India and Pakistan, and on the dry plains of Afghanistan, little rain falls, but small, violent dust storms are common. Maximum temperatures average between 105° and 110°F, although temperatures as high as 126°F have been recorded.

Warm Weather Clothing will be sufficient for troops operating in most of the region during the hot season. Sunglasses are recommended as protection against glare, especially in the deserts. A head cloth worn in Arabian style will furnish protection from blowing dust and sand which is prevalent in Areas II-C, II-D, III-A, and III-B. Boots, combat, tropical are recommended for use in these areas.

September). In the middle of June the monsoon "bursts" and the rainy season suddenly begins in India. Moisture-laden southwest winds strike the west coast of India about June first and reach other sections of the region several weeks later (Tables 3 and 4). Monsoonal rains fall in the form of heavy showers and not as a period of one continuous rain. With the coming of the rains, cloudiness increases, temperature drops, the ground becomes muddy, and rivers swell, sometimes to flood stage. Many sections of India experience breaks of a day or several days between monsoon downpours. The influence of the monsoon is felt less in the northwest than in the rest of India. Average dates for the beginning and ending of the monsoons in different parts of the region are given in Table 3.

TABLE 3: AVERAGE DATES FOR BEGINNING AND ENDING OF THE RAINY SEASON

STATION	BEGINNING DATE	ENDING DATE
Bombay	5 June	15 October
Bengal	15 June	22 October
Northwest Province	25 June	30 September
Punjab	1 July	17 September

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The control of the co		TEM			FUNCTION	SURFACE	RANGE OF ACTUAL AIR TEMPER FOR SATISFACTORY USE (Ground Surface Tamperatures May Be) 40F° Warmer or Colder)	ATURES as Much as	T/A 21 ZONES
TOTAL TOTAL STATES AND THE STATES AN	BOOT, COMBAT, TROPICAL	r	PER PAIR 3.88 lbs.	i pr. sacks, wool, cushion sale i pr. insoles, ventilating Total, 0.29 lbs.	Provides Traction Permits sweat evaporation & ventilation Quick drying	Forests, jungles & grosslands under tropic & semitropic conditions			ZZZZZZZZZZZZZZZZZZZZZZZZZZZZZZZZZZZZZZ
Rabber 550th Tris ITEM STANDARDEGO 27 JUNE 1951  TO RECLACE SINGENCY (2-INCH) 47-944  Worle proof auricae under relative standard by the provides traction and traction and the provides traction and th	BOOT, SERVICE, COMBAT, RUSSET	Leother	3.88 lbs.	I pr socks, wool, cushion sole	General use	Generally dry surfaces under temperate conditions		465	
Converse Mobber  Conver	BOOT, COMBAT, RUBBER, INSULATED	<b>1</b> \ .	5.50 lbs.	ANDARDIZED 27 SHOEPAG, 12-11N WE SUBSTITUTE I pr. socks, wool, co	Provides traction Water proof Skis & Snowshoes	Wet & water-logged surfaces under wet-cold conditions			
C, Rubber 299 that Rubber 200	BOOT, SKI-MOUNTAIN	Leother	5.30 lbs.	pr. socks, wool, cushion sole 2 pr. socks, wool, ski 1 pr. insoles, fell Totel: 1.05 lbs.	Abrasion protection Supports foot & ankle Provides traction Skis & Snowshoes	Rugged mountain or snow-covered surfaces For special troops only			
Int. socks, wool, cushion sole Flexible sole permits set worming of foot Int. socks, wool, ski canvas permits sweat 2 pr. insoles, felt convas permits sweat convas permits sweat a 2 pr. insoles, felt convas permits sweat convas permits sweat convas permits sweat convas permits sweat 2 pr. insoles, felt convas permits sweat	BOOT, ARCTIC, FELT	Convos Leather Felt	3.63 lbs.	i pr. socks, wool, cushion sole 2 pr. socks, wool, ski i pr. insoles, felt Total: 1.05 lbs.	Permits sweat evaporation Supports foot B ankle Cuff excludes snow Skis & Snowshoes	Dry snow B bare ground under arctic canditions			
	воот, Миксик	Convos	2.991bs.	on sole	Flexible sole permits self-warming of fool Ganvas permits sweat evaporation Calf-length excludes snow Skis & Sowshoes	Dry snow 8 bare ground under arctic conditions			

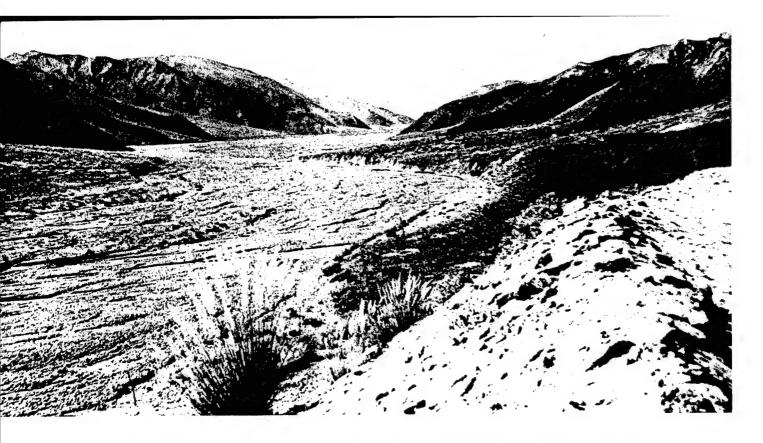


Figure 5: Streams in the dry western section of the region (Afghanistan and Pakistan), although swollen after heavy rains, are dry gravelly wastes for much of the year, and often are used as routes of travel. The Army footgear best suited to this Area are Boots, combat, tropical. View of valley east of Kabul, Afghanistan in August (AreaIII-1).

Topographic features greatly influence the amount of monsoonal precipitation. The southwest monsoon, forced to rise over the Western Ghats, gives heavy orographic rain to the west coast districts and hills. Annual totals of 100 inches of rainfall or more are common in this section. Rainfall decreases rapidly on the plateau east of the mountains. Northward from Bombay, coastal rainfall diminishes rapidly; Karachi receives less than 10 inches per year. Showers are frequent in the Aravalli Hills, but Rajputana, to the northwest, is very dry.

July is the month of heaviest rainfall in the region except in Afghanistan. Much of India has an average of more than 10 inches in this month, but drought continues in the Thar Desert, most of Afghanistan, and southern Pakistan (Table 4). Average July temperatures throughout most of India are between 78° and 88°F, but in northern Pakistan they are above 90°F, (Table 2).

Warm Weather Clothing is preferable during the wet season. The poncho serves the purpose of protection from rainfall. Use of Boots, combat, tropical is recommended.

TABLE 4: AVERAGE MONTHLY PRECIPITATION IN SOUTH CENTRAL ASIA (INCHES)

STATION	JAN	<u>FEB</u>	MAR	APR	$\underline{\text{MAY}}$	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
Colombo Madras Calcutta Bombay Karachi Delhi Lahore Cherrapunji	1.2 0.4 0.1 0.2 1.0 0.9	0.5 0.8 1.0 2.7	4.4 0.4 1.3 0.1 0.0 0.5 0.9	9.8 0.6 2.1 0.1 0.4 0.3 0.6 28.2	12.4 1.7 5.5 0.6 0.2 0.6 0.7 46.3	7.7 1.9 11.7 19.8 0.8 3.2 1.7	4.7 3.7 12.7 23.9 5.7 7.7 6.1 98.5	3.7 4.6 13.3 14.1 1.1 7.5 5.1 79.8	5.5 4.7 10.0 10.6 0.5 4.6 2.2 38.0	13.7 11.5 4.9 2.1 T 0.4 0.4 21.3	0.7 0.5 0.0 0.1 0.1 3.2	5.3 5.2 0.2 0.1 0.3 0.5 0.5	85.1 49.4 63.8 72.1 9.7 27.2 20.2 424.1
Kabul	1.7	1.8	3.3	2.6	1.0	0.2	0.1	0.1	0.1	0.4	0.5	1.0	12.8

(4) Transition Period, Retreating Monsoons (September through December). The second half of the monsoon period (September through December) is the period of retreating monsoon. By October the southwest monsoon is still evident only over the southern half of the Indian Peninsula and Ceylon (Area I-A) and drought prevails to the north and northwest. Only the southern portion of the peninsula and the east coastal section receive more than five inches of rainfall in October. In Ceylon, however, October is the month of heavy rainfall. November brings drought to the entire peninsula except the east coast and Ceylon.

Figure 6: Roads become quagmires during the rainy season; during the dry season, when the mud turns to dust, travel is almost equally difficult.



This period of retreating monsoon is the change-over period (except in southern India) when heavier woolen items replace lighter summer clothing. Shirt, flannel, od and Trousers, field, wool, od, replace the Jacket and Trousers, lightweight special. Shoepacs replace Boots, service, combat in the northern mountains (Area V-1).

#### 3. INSECTS.

Insect life is extremely varied in South Central Asia. About fifty species of mosquitoes are known to exist in the region. They have been found in all parts of the region, but are most common on the plains, where swamps, seasonal floods, and paddy irrigation provide breeding places (Fig. 2). Although not all species are disease-bearing, precautions should be taken against all mosquitoes as they may be capable of spreading malaria, dengue fever, filariasis, and sometimes yellow fever. Sandflies are numerous and extremely dangerous, transmitting sandfly fever, kalaazar, and oriental sore. Outbreaks of these diseases, most prevalent at the beginning and end of the rainy season, may hospitalize large numbers of troops for long periods. Body lice are common in the north but not in the south. Head lice and crab lice, however, are found everywhere. These lice are carriers of typhus and relapsing fever. Other common pestiferous insects which may be controlled by sanitary or medical precautions include bot-flies, fleas, bedbugs, and ticks. Gnats are also annoying in certain sections.

Troops operating in this region should use anti-insect items including Gloves, mosquito; Headnet, mosquito; Bar, insect, field; and Repellent, insect. The importance of the use of these items cannot be overemphasized. Items should be available for use all year in most of the region except at the higher elevations. In addition, louse powder or spray is recommended for use by troops in the field.

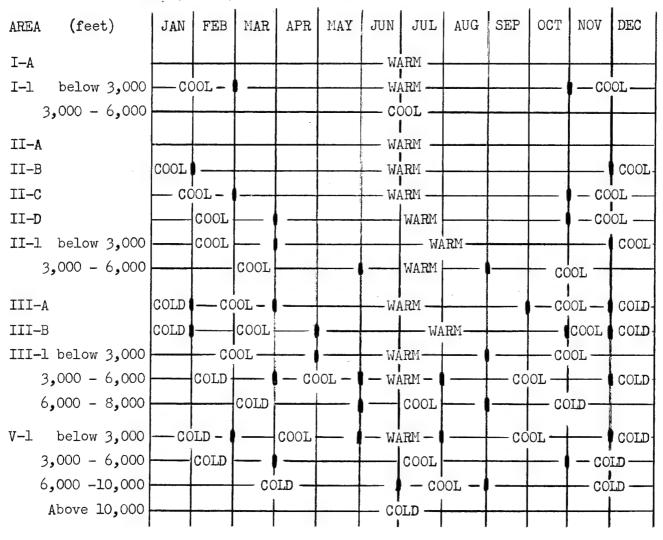
#### 4. CLOTHING SUMMARY.

Clothing requirements for South Central Asia are itemized in detail in the Clothing Requirements Tables. They may, however, be summarized in three groups, each suitable for wear at different average temperatures:

WARM Weather Clothing, above 68°F COOL Weather Clothing, 50° to 68°F COLD Weather Clothing, 14° to 50°F

For each Clothing Requirement Area, as shown on the map in the back of the Almanac, the months during which each of these groups of clothing items is suitable for wear are indicated in Table 5. Lists of the clothing items making up each group are given in Tables 6, 7, and 8. The items listed in these summary tables are those suitable for simultaneous wear by troops of Class A, B, and C units (T/A 21), defined as those which habitually operate in the forward active combat zone, or in the service area of the combat zone, where housing usually is not provided; these troops must

TABLE 5: CLOTHING REQUIREMENTS SUMMARY FOR SOUTH CENTRAL ASIA (Areas shown on map in back; clothing items composing warm, cool, and cold groups listed in following tables)



have clothing suitable for 24-hour living outdoors. In addition, these tables indicate possible deletions or substitutions of items for use by troops of Class D and E units, whose normal working and living conditions, at airfields and other permanent or semi-permanent installations where housing is provided, are not as rigorous. Thus, these tables separate the items shown in the more detailed Clothing Requirements tables in the back of the Almanac into two categories, according to the extent of shelter available. In addition, these summary tables list certain items, such as suspenders, belts, and helmets, not shown in the month-by-month tables.

TABLE 6: WARM WEATHER CLOTHING (Average Monthly Temperatures above 68°F)

CLASS A, B, & C TROOPS WEAR SI	PARE
Jacket & Trousers, lightweight special	1 3 - 1 3 - 1 ng
Shirt & Trousers, cotton, khaki	2

Warm weather clothing (Table 6) provides basic clothing needs of the combat soldier during the whole year for most of southern India (Zone I) and for the summer months in all areas except high mountains. Cool weather clothing (Table 7) is needed during winter over most of the plateau and northern foothills (Zones II and III) and in summer at higher elevations. Cold weather clothing (Table 8) is suitable for wear all year above 10,000 feet, and in winter at lower levels in mountain areas.

#### 5. SUPPLEMENTARY ARMY PUBLICATIONS.

The following listed Army publications give valuable information concerning clothing, equipment, and operations, much of which is applicable to South Central Asia:

- a. FM 21-15: <u>Individual Clothing and Equipment</u> (April 1945). Emphasis is placed on the care of clothing and equipment and methods of assembling and packing.
- b. FM 70-10: Mountain Operations (December 1944). A discussion of the relationships between soldier and mountain environment under such headings as conditioning and acclimatization, weather, and winter characteristics.

TABLE 7: COOL WEATHER CLOTHING (Average Monthly Temperatures 50 to 68°F)

CLASS A, B, & C TROOPS	WEAR	SPARE
Jacket, field, w/hood, jacket & overcoat Shirt, flannel, od Trousers, field, wool, od Helmet, steel, complete Poncho, lightweight, od Sweater, high neck Suspenders, trousers Undershirt & Drawers, cotton, od Boots, service, combat, russet Socks, wool, cushion sole Cap, field, cotton, od, w/visor Glove-shells, leather Glove-inserts, wool Bag, sleeping, wool Case, water repellent, bag, sleeping Anti-insect  CLASS D & E TROOPS		1 1 - 3 1 4 - 1
Essentially the same as A, B, & C troops; the follotions or substitutions may be made:	wing a	ddi-
Jacket, wool, od (in lieu of Sweater, high neck)  Jacket & Trousers, herringbone twill  Raincoat (in lieu of Poncho)  Cap, herringbone twill (in lieu of Cap, field, cotton, od)  Blanket, wool, od (in lieu of Bag, sleeping, wool,	1	1 -
w/case)	2	_

c. FM 31-25: <u>Desert Operations</u> (March 1942). Section I deals with the general aspects and problems of desert environment. Section II gives general consideration of food, clothing, and individual equipment needs.

d. FM 70-15: Operations in Snow and Extreme Cold (November 1944). Deals with rations, clothing, shelter, and equipment in cold snow-covered areas.

e. FM 72-20: <u>Jungle Warfare</u> (October 1944). Treats jungle conditions and the care of equipment of all troops operating in such areas.

f. TM 10-228: Fitting of Shoes and Socks (February 1946). The importance of proper shoe fitting methods, foot measuring equipment, sock fitting and correlation, and data for boots and shoes including approved sock combination, are important sections of this manual.

TABLE 8: COLD WEATHER CLOTHING (Average Monthly Temperatures 14 to 50°F)

CLASS A, B, & C TROOPS	WEAR	SPARE
Jacket, field, w/hood, jacket & overcoat Jacket, field, pile, od	1	
areas only) Helmet, steel, complete Shirt, flannel, od Trousers, field, wool, od Suspenders, trousers Poncho, lightweight, od Sweater, high neck Trousers, field, cotton Undershirt & Drawers, winter Shoepacs, 12-in. Glove-shells, leather Glove-inserts, wool Insoles, felt Mittens, overwhite (in snowy areas only) Socks, wool, ski Cap, field, pile, od Muffler, wool, od Bag, sleeping, mountain Case, water repellent, bag, sleeping  CLASS D & E TROOPS	1 1 1 1 1 2 1 1	1 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1
Essentially the same as A, B, & C troops; the additions or substitutions may be made:	follo	wing
Overcoat, wool, od	1	-
Shoepacs)	1 2	1,4
pile)	1	
mountain)	2 1	-

TABLE 9: CLOTHING REPLACEMENT LIST FOR SOUTH CENTRAL ASIA (S means Standard; L, Limited Standard; B, Substitute Standard)

## ITEMS IN CLOTHING ALMANAC REPLACEMENT ITEMS

Shirt, flannel, od (B) ) Sweater, high neck (B) ) Shirt, field, wool, og 108 (S)
Jacket, field (L)
Jacket, field, pile, od (L) Liner, jacket, field, M-1951 (S)
Trousers, field, cotton, od (L) Trouser Shell, field, M-1951 (S)
Trousers, field, wool, od (S) Liner, trouser, field, M-1951 (S)*
Parka & Trousers, field, Parka & Trousers, field, overwhite (L) overwhite, M-1950 (S)
Mittens, overwhite (L) Mittens, overwhite, M-1950 (S)
Overcoat, wool, od (B)  Overcoat, cotton, od 7, w/removable wool liner (S)
Parka-liner, pile & Parka-shell, (Parka-shell, M-1951 (S) cotton, od (L) (Parka-liner, M-1951 (S) (Hood, parka, M-1951 (S)
Trouser Shell, Arctic, M-1951 (S)*
Liner, trouser, Arctic, M-1951 (S)*
Shoepacs, 12-in. (B) w/2 pr. socks, wool, ski; 1 pr. insoles, felt  Boots, combat, rubber, insulated (S)  w/1 pr. socks, wool, cushion sole.

<sup>\*</sup>Trouser Shell, Arctic, M-1951 and Liner, trouser, Arctic, M-1951 are new items developed to provide additional lower body insulation under Very Cold Weather conditions; no comparable items are listed in the Clothing Requirements tables. These items are meant to be worn over the Trouser Shell, field, M-1951 and the Liner, trouser, field, M-1951 at the same time need is indicated for the Parka-shell and Parka-liner. The Liner, trouser, field, M-1951 replaces Trousers, field, wool, od as lower body insulation only when worn under Very Cold Weather conditions in conjunction with the Arctic trouser shell and liner.

g. TM 10-275: Principles of Cold Weather Clothing and Equipment (October 1944). The proper use, care, and maintenance of cold weather clothing and equipment are discussed for the principal items protecting the body, the feet, the hands, and the head.

#### h. Other Clothing Almanacs.

Clothing Almanacs for regions adjacent to South Central Asia are:

No. 5 Southwest Asia No. 6 Western U.S.S.R. No. 10 China and Korea No. 18 Southeast Asia

#### 6. CLOTHING REQUIREMENTS TABLES.

The 18 tables of Clothing Requirements for the 11 Areas of South Central Asia are arranged according to Clothing Allowance Zones, those for Zone I being followed by those of Zones II, III, and V. Within each Zone, the tables for nonmountainous areas come first, in alphabetical order; the mountain area tables follow in numerical order, with the tables for the lowest elevation of each area first, then those for the upper levels in ascending order.

Areas to which each table applies are shown on the folding map in the back. For best use of the tables, especially as regards selection from them of clothing items best suited to the individual location and year, the preceding text should be consulted.

All listings in the Clothing Requirements tables, as well as the summary tables, are those authorized by T/A 21 (Mbl) at the time of preparation of this Almanac. Within a few months, however, several of these items gradually will be replaced in supply lines by items recently standardized. Table 9 indicates some replacements applicable to South Central Asia.

### SOUTH CENTRAL ASIA I-A

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
	BODY CLOTHING												
*	Jacket, field, w/hood, jacket & overcoat												
•	Poncho, lightweight, od		-										
*	Shirt & Trousers, cotton, khaki Shirt, knit, od												
	FOOTGEAR												
	Boots, combat, tropical; w/l pr. socks, wool, cushion sole; l pr. insoles, ventilating												
ķ	Boots, service, combat, russet, OR Shoes, service; w/l pr. socks, wool, cushion sole												
	HANDGEAR											٠	
	None			,									
	HEADGEAR												
k	Gap, herringbone twill												
	SLEEPING EQUIPMENT												
	Blanket, lightweight												
	Blanket, wool, od												
	OTHER ITEMS												
	Anti-insect (See Introduction)												-
	Item usually required in this month				•							5/2	- /-

Item usually required in this month

Item usually required in indicated months, but must be procured specially because "discretionary" in this zone.

## SOUTH CENTRAL ASIA I-I (below 3,000 ft.)

	BODY CLOTHING	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	De
	Jacket, field, w/hood, jacket & overcoat								-				
*	Jacket, wool, od			_	_				-				-
	Jacket & Trousers, lightweight special,	_		-					-		_		_
	Poncho, lightweight, od	-			_			-	-			-	
*	Raincoat			-				_	-				-
	Shirt & Trousers, cotton, khaki	<u> </u>		_							_		_
*	Shirt, flannel, od, & Trousers, field, wool, od	-			-			-			۰		
*	Shirt, knit, od	_							_		_		_
	Sweater, high neck							-	-				_
	Trousers, field, cotton, od	_							-			_	
*	Undershirt & Drawers, winter												
	FOOTGEAR							, ,					
*	Boots, combat, tropical; w/l pr. socks, wool,												
	cushion sole; I pr. insoles, ventilating			_									
*	Boots, knee wader	ļ											_
	Boots, service, combat, russet, OR Shoes, service;												
	w/l pr. socks, wool, cushion sole	_	_	_			-						_
	HANDGEAR												
	None												
	HEADGEAR	i											
	Cap, herringbone twill												
*	Helmet, sun												
	The first of the f												
	SLEEPING EQUIPMENT												
.1.													
*	Blanket, lightweight												
	Blanket, wool, od												
	OTHER ITEM												
	Anti-insect (See Introduction)												

Item usually required in this month k Item usually required in indicated months, but must be procured specially because "discretionary" in this zone.

### SOUTH CENTRAL ASIA I-1 (3,000-6,000 ft.)

jacket & overcoat												
ghtweight special od on, khaki rousers, field, wool, od , od s, winter al; w/1 pr. socks, wool, insoles, ventilating , russet, OR Shoes, service;												
ghtweight special od												
od												
on, khaki												
rousers, field, wool, od												
rousers, field, wool, od												
al; w/1 pr. socks, wool, insoles, ventilating												
al; w/I pr. socks, wool, insoles, ventilating												
, od												
s, winter												
al; w/1 pr. socks, wool, insoles, ventilating												
insoles, ventilating	-											
insoles, ventilating	-											
insoles, ventilating	-											
insoles, ventilating	-											
russet, OR Shoes, service;	-											
, russet, OR Shoes, service;												
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cushion sole									1			-
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		roduction).										

Item usually required in this month

Item usually required in indicated months, but must be procured specially because "discretionary" in this zone.

### SOUTH CENTRAL ASIA II-A

	BODY CLOTHING	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
	Jacket, field, w/hood, jacket & overcoat					-							
*	Jacket, wool, od					,							
	Jacket & Trousers, lightweight special												
s la	Poncho, lightweight, od	1											
*	Raincoat	1											
	Shirt & Trousers, cotton, khaki.	1											
	Shirt, flannel, od, & Trousers, field, wool, od Shirt, knit, od												
	Sweater, high neck	1											
	Trousers, field, cotton, od											·	<u> </u>
	Undershirt & Drawers, winter												
•	•												3
	FOOTOFAR	1											
	FOOTGEAR				l								
*	Boots, combat, tropical; w/t pr. socks, wool,												
	cushion sole; I pr. insoles, ventilating	1										_	Ť
*	Boots, knee wader	1										-	-
	Boots, service, combat, russet, OR Shoes, service;												
	w/i pr. socks, wool, cushion sole												
	HANDGEAR .												
	None												
	40110												
	HEADGEAR												
	Cap, herringbone twill								_		_		
*	Helmet, sun								-			_	<del>-</del>
												:	
	SLEEPING EQUIPMENT												
d.												٠.	
*	Blanket, lightweight												
	glunker, woor, oo											,	
	OTHER ITEM												
	Anti-insect (See Introduction)	-											—
											<u> </u>	5/2	

Item usually required in this month
Item usually required in indicated months, but must be procured specially because "discretionary" in this zone.

## SOUTH CENTRAL ASIA II-B

	BODY CLOTHING	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	De
	Jacket, field, w/hood, jacket & overcoat							<u> </u>				_	_
*	Jacket, wool, od				_								_
	Jacket & Trousers, lightweight special				_						-		_
	Poncho, lightweight, od										_		_
ķ	Raincoat		_						_				
	Shirt & Trousers, cotton, khaki												_
ķ	Shirt, flannel, od, & Trousers, field, wool, od	_											
¥	Shirt, knit, od	_			···								_
ķ	Sweater, high neck	<u> </u>											
	Trousers, field, cotton, od		_										-
ĸ	Undershirt & Drawers, winter	<u> </u>											
	FOOTGEAR												
	<b>.</b>												
ĸ	Boots, combat, tropical; w/1 pr. socks, wool,												
L	cushion sole; I pr. insoles, ventilating												
	Boots, knee wader												
	Boots, service, combat, russet, OR Shoes, service; w/l pr. socks, wool, cushion sole												
	w/ pi. socks, wool, cusillon sole												
	HANDGEAR												
	None												
	HEADGEAR				}								
	Can bassinahara Amili									•			
	Cap, herringbone twill												
•	Helmet, sun												
	SLEEPING EQUIPMENT												
		. [											
	Blanket, lightweight									$\neg$			
	Blanket, wool, od												
	OTHER ITEM												
	Anti-insect (See Introduction)												
	Zant moon ( Goo minodulion)												
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				- 1				- 1	1	- 1			

l Item usually required in this month Item usually required in indicated months, but must be procured specially because "discretionary" in this zone.

### SOUTH CENTRAL ASIA II-C

			_	T -							Γ	Ī	Ī_
	BODY CLOTHING	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	061	Nov	De
	Jacket, field, w/hood, jacket & overcoat	_		_	_				-		_	_	_
ķ	Jacket, wool, od	-			<u> </u>	_				-		-	-
	Jacket & Trousers, lightweight special	-		-	_								
	Poncho, lightweight, od		_	_	_								
*	Raincoat				_			-			-		
	Shirt & Trousers, cottom, khaki.	i	<u> </u>										
•	Shirt, flannel, od, & Trousers, field, wool, od												
	Shirt, knit, od												
	Sweater, high neck												
	Undershirt & Drawers, winter							L			<u> </u>		L
	FOOTOFAR												
	FOOTGEAR												
*	Boots, combat, tropical; w/l pr. socks, wool,												
	cushion sole; I pr. insoles, ventilating	-		-									
K	Boots, knee wader												Γ
	Boots, service, combat, russet, OR Shoes, service; w/  pr. socks, wool, cushion sole												
	w/ pi. socks, woor, cusinon solo												
	HANDGEAR												
	None												
	HEADGEAR												
	Cap, herringbone twill												
k	Helmet, sun												_
	SLEEPING EQUIPMENT												
k	Blanket, lightweight				-								Г
	Blanket, wool, od												
	OTHER ITEM												
	Anti-insect (See Introduction)	_										ļ	_
												5/2	_

Item usually required in this month

\* Item usually required in indicated months, but must be procured specially because "discretionary" in this zone.

#### FIELD CLOTHING REQUIREMENTS

## SOUTH CENTRAL ASIA II-D

BODY CLOTHING	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	De
Jacket, field, w/hood, jacket & overcoat									<u> </u>			_
Jacket, wool, od									<u> </u>	<u> </u>		-
Jacket & Trousers, lightweight special										_		_
Poncho, lightweight, od				_						_		-
Raincoat								ļ				-
Shirt & Trousers, cotton, khaki	<u></u>								_	_		-
Shirt, flannel, od, & Trousers, field, wool, od									_		_	-
Shirt, knit, od	-		_	-					-		-	-
Sweater, high neck		_			-				-		-	_
Trousers, field, cotton, od	_	_	_		-		-					
Undershirt & Drawers, winter												-
FOOTGEAR												
Boots, combat, tropical; w/l pr. socks, wool,												
cushion sole; I pr. insoles, ventilating				_	-		_	_		_		-
Boots, knee wader	_	_	-		ļ	-				-		┼
Boots, service, combat, russet, OR Shoes, service;												
w/l pr. socks, wool, cushion sole		_	_	-					-	_	-	-
HANDGEAR												 
None												
HEADGEAR												
Cap, herringbone twill												
Helmet, sun												
SLEEPING EQUIPMENT												
Blanket, lightweight			_				_			_		1
Blanket, wool, od				_	_		_	<b>_</b>	-	-	-	_
OTHER ITEM												
Anti-insect (See Introduction)		_		_	-	_	_	-	_	<b> </b>	-	+
				<u></u>	<u> </u>				<u> </u>		1	丄

<sup>\*</sup> Item usually required in this month

Item usually required in indicated months, but must be procured specially because "discretionary" in this zone.

## SOUTH CENTRAL ASIA II-I (below 3,000ft.)

BODY CLOTHING	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	De
Jacket, field, w/hood, jacket & overcoat												_
k Jacket, wool, od				_				_		-	,	L
Jacket & Trousers, lightweight special		_			-	_					-	_
Poncho, lightweight, od		-	_				-	-				
k Raincoat		-	-				_					
Shirt & Trousers, cotton, khaki	I		_	_		-						-
k Shirt, Mannel, od, & Trousers, field, wool, ø				-						-		
K Shirt, knit, od												
k Sweater, high neck				ļ						-		
k Trousers, field, cotton, od												
K Undershirt & Drawers, winter												
FOOTGEAR												
k Boots, combat, tropical; w/l pr. socks, wool,												
cushion sole; I pr. insoles, ventilating .				_			_					-
K Boots, knee wader				11							-	-
Boots, service, combat, russet, OR Shoes, ser	vice;											
w/  pr. socks, wool, cushion sole		-					<u> </u>					_
HANDGEAR												
None												
HEADGEAR												
Gap, herringbone twill						_			_			
C Helmet, sun												$\vdash$
SLEEPING EQUIPMENT					;							
c Blanket, lightweight												
Blanket, wool, od												_
with the state of												
OTHER ITEM											1	
Anti-insect (See Introduction)				-								-

\* Item usually required in this month

Item usually required in indicated months, but must be procured specially because "discretionary" in this zone.

## SOUTH CENTRAL ASIA II-1 (3,000-6,000 ft.)

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	De
BODY CLOTHING												
Jacket, field, w/hood, jacket & overcoat			-									-
Jacket & Trousers, herringbone twill												
Overcoat, wool, od												
Parka & Trousers, field, overwhite	.		-	-								
Parka & Trousers, wet weather												
Raincoat		_	-	-					-			-
Shirt & Trousers, cotton, khaki												
Shirt, knit, od	. —	-		-			_	-	_			
Sweater, high neck												
Undershirt & Drawers, winter	-	-		-	-		-	-	-		-	-
					}							
FOOTGEAR	1	}								l		
Boots, combat, tropical; w/lpr. socks, wool,												
cushion sole; Ipr. insoles, ventilating				_								_
Boots, knee wader		-	-	-						$\vdash$		-
w/inc socks wool, cushion sole	`` <b> </b>							ļ	_	<u> </u>		Ļ
Shoepacs, 12 in., w/2pr. socks, wool, ski;												
I pr. insoles, felt									<b></b>			
											-	
HANDGEAR										1		
Glove-shells, leather, w/2 pr. inserts, wool												
Mittens, overwhite	-									-		-
HEADGEAR												
Cap, field, cotton, od, w/visor	1											
Cap, herringbone twill	.										-	
Helmet, sun				-								-
CLEEDING FOURMENT												
SLEEPING EQUIPMENT	1											
Bag, sleeping, mountain												_
Blanket, wool, od												
Case, water repellent, bag, sleeping				-		-						_
•												
OTHER ITEMS	1								- [			
Anti-insect (See Introduction)												
will-insect ( See Introduction ),												
							ì					

item usually required in this month

<sup>#</sup> Item, usually required in indicated months, but must be procured specially because "discretionary" in this zone

### SOUTH CENTRAL ASIA III-A

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
BODY CLOTHING												
Jacket, field, w/hood, jacket & overcoat							<u> </u>					
Jacket, wool, od												
Jacket & Trousers, herringbone twill Overcoat, wool, od												_
* Parka & Trousers, field, overwhite	.		<del> </del>					<del>                                     </del>				
* Parka & Trousers, wet weather	· 🗀											
Poncho, lightweight, ad												,
Shirt & Trousers, cotton, khaki	. —		-	_			_					
Shirt, flannel, od, & Trousers, field, wool, od		-				-				-		-
* Shirt, knit, od												
Trousers, field, cotton, od							,					
Undershirt & Drawers, winter					-			<del>                                     </del>				
		1										
FOOTOFAR		1					l					
FOOTGEAR							j					
* Boots, combat, tropical; w/ipr. socks, wool,												
cushion sole; Ipr. insoles, ventilating												
Roots, service, combat, russet, OR Shoes, servic	e;											
w/lor, socks, wool, cushion sole				-			_	-				
* Shoepacs, 12 in., w/2pr. socks, wool, ski; I pr. insoles, felt												
i pr. maoles, lett												
HANDGEAR				ŀ								
Glove-shells, leather, w/2 pr. inserts, wool												
k Mittens, overwhite												
·												
		li										
HEADGEAR	1											
Cap, field, cotton, od, w/visor												_
K Gap, herringbone twill		_				_			-			
K Muffler, wool, od												
						]		1				
						- 1			- 1			
SLEEPING EQUIPMENT				_		i						
K Bog, sleeping, mountain				$\rightarrow$								
k Bag, sleeping, wool				-								_
k Case, water repellent, bag, sleeping												
				1		- 1	]	ı		i		
			-								1	
OTHER ITEMS									J			
Anti-insect (See Introduction),												•
						- [		ļ	-			
,												
tem usually required in this month										111	5/25	/5

<sup>#</sup> Item usually required in this month

# Item usually required in indicated months, but must be procured specially because "discretionary" in this zone

### SOUTH CENTRAL ASIA TT -B

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
BODY CLOTHING													
Jacket, field, w/hood, jacket & overcoot		_	_	-									
Jacket & Trousers, herringbone twill	• •												
Overcoat, wool, od		-	-										_
* Parka & Trousers, field, overwhite		-		-	-								
* Parka & Trousers, wet weather													_
* Raincoat		-	_	-									_
Shirt & Trousers, cotton, khaki	• •												
Shirt, knit, od					-				-				_
Sweater, high neck								_	-				
Trousers, field, cotton, od													
								l					
FOOTGEAR			}										
* Boots, combat, tropical; w/lpr. sacks, wool,													
cushion sole; Ipr. insoles, ventilating		<u> </u>			L			-		-			_
W Boots, knee wader		-		-	├		-			-			-
Boots, service, combat, russet, OR Shoes, service, w/lpr. socks, wool, cushion sole	/16 <b>0</b> ;												
★ Shoepacs, 12 in., w/2pr. socks, wool, ski;												ľ	
I pr. insoles, feit		-	-	-	├								-
				1									
HANDGEAR								ĺ					
Glove-shells, leather, w/2 pr. inserts, wool													
Mittens, overwhite													
		l											
HEADGEAR													
Cap, field, cotton, od, w/visor										-			
* Helmet, sun													
* Muffler, wool, od		├											-
		l											
SLEEPING EQUIPMENT													
淋 Bag, sleeping, mountain	: :												
* Blanket, wool, od			_				-	_		_			_
🕸 Case, water repellent, bag, sleeping									-				
OTHER ITEMS													
* Anti-insect (See Introduction),													
and the soil for a mindestion for the first for the soil	• •												
			L										
Item usually required in this month											111	5/2	5/5

Item usually required in this month
Item usually required in indicated months, but must be procured specially because "discretionary" in this zone

## SOUTH CENTRAL ASIA III-I (below 3,000 ft.)

		Jac	Feh	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
	BODY CLOTHING	3311										7 5	-
	Jacket, field, w/hood, jacket & overcoof												
	Jocket, wool, od.,			-	-						-		_
	Jacket & Trousers, herringbone twill												
*	Parka & Trousers, field, overwhite										├—		-
*	Parka & Trousers, wet weather	_	-	-									
	Poncho, lightweight, od												
4	Shirt & Trousers, cotton, khoki										<u> </u>	-	
	Shirt, flannel, od, & Trousers, field, wool, od	_	_										
*	Shiri, knit, od												_
	Trausers field cotton, od	_		-	_		-	-			_		
	Undershirt & Drawers, winter							_					
					1	ŀ					1		
	FOOTGEAR		}	İ						1			İ
	Boots, combat, tropical; w/lpr. socks, woot,				1						1		
	quebion enter for insoles, ventilating				<u> </u>						<u> </u>	_	-
*	Boote knee wider	-	-	-		-			-	-	-		
	Boots, service, combat, russet, OR Shoes, service; w/lpr. socks, wool, cushion sole							_					_
*	Shoepacs, 12 in., w/2 pr. socks, wool, ski;												
4	I pr. insoles, felt	<del> </del>	-	-	-	-	-		-	· · · · · ·	-		
		ļ							ĺ				
	HANDGEAR		İ								۱.		
					1	İ		١.			ŀ		
	Glove-shells, leather, w/2 pr. inserts, wool Mittens, overwhite			-									
•	Brittens, Overwinter,												
					l								
	HEADGEAR				1								
	Cap, field, cotton, od, w/visor				_								-
*	Cop, herringbone twill	-	_		_								
	Muffler, wool, od												
	·										1		ĺ
	DI CCDING COUIDMENT				l								İ
	SLEEPING EQUIPMENT												
*	Bag, sleeping, mountain,								-				
*	Bag, sleeping, wool												_
*	Case, water repellent, bag, sleeping	_								-	_		-
	ATHER ITEMS												
	OTHER ITEMS												
*	Anti-insect ( See Introduction ),			_									
	·												
								`	لـــــا		111	5/2	5/5

<sup>#</sup> item usually required in this month

item usually required in indicated months, but must be procured

specially because "discretionary" in this zone

## SOUTH CENTRAL ASIA III-I (3,000-6,000ft.)

						Luc	11		200	0.00	1100	_
BODY CLOTHING	Jan	reD	Mar	Apr	мау	Jun	301	Aug	3 <b>•</b> p	UCT	MOV	100
BODY CLOTHING												
Jacket, field, w/hood, jacket & overcoot Jacket, wool, od					-							
Jacket & Trousers, herringbone twill,	-											
Overcoat, wool, od				-								
Parka & Trousers, wet weather												
Poncho, lightweight, od												
Shirt & Trousers, cotton, khaki				_			_				-	
Shirt, flannel, od, & Trousers, field, wool, od Shirt, knit, od												
Sweater, high neck												
Undershirt & Drawers, winter			-				_		_			_
FOOTGEAR											'	
Boots, combat, tropical; w/ipr. socks, woot,						<u> </u>	l					
cushion sole; Ipr. insoles, ventilating Boots, knee wader												
Boots, service, combat, russet, OR Shoes, service;												
w/lpr. socks, wool, cushion sole		-										1
i pr. insoles, felt	-		_	-			_				_	-
HANDGEAR												
Glove-shells, leather, w/2 pr. inserts, wool												L
Mittens, overwhite	-	_										-
				ĺ								
HEADGEAR												
Cap, field, cotton, od, w/visor		<u> </u>										_
Cap, herringbone twill												
Muffler, wool, od									$\neg$			_
SLEEPING EQUIPMENT												
Bag, sleeping, mountain												-
Blanket, wool, od												
Case, water repellent, bag, sleeping						-						
OTHER ITEMS												
Anti-insect ( See Introduction ), , , , , , ,					_	_						

Item usually required in indicated months, but must be procured specially because "discretionary" in this zone

## SOUTH CENTRAL ASIA III-I (6,000-8,000ft.)

			Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
	BODY CL	OTHING					٠, ,							
باور	Jacket, field	, w/hood, jacket & overcoat , pile, od												
**	Jacket, wool,	od										-	•	
		users, herringbone twill												
*	Parka-liner,	pile & Parka-shell, cotton, od												
*	OR Overc	oat, parka type, w/pile liner												
*	Parka & Trous	sers, wet weather	-		-	-								
*		weight, od												
*	Shirt & Trous	sers, cotton, khaki			-	_								
	Shirt, flannel Sweater, high	l, od, & Trousers, field, wool, od n neck												
	Trousers, fie	id, cotton, od												
	Undershirt &	Drawers, winter												
	FOOTGEA	R												
*		, felr, w/lpr. socks, wool, cushion sole;								ŀ				
	Boots, mu	s,wool,ski; lpr. insoles,felt, OR ikluk, w/lpr. socks, wool, cushion							1					
	sole; 2p	r. socks, wool, ski; I pr. socks, felt; oles, felt				_			2			L		
*	Boots, knee w	ader	-	_	_	-			-		_			-
	Boots, service	e, combat, russet, OR Shoes, service; cks, wool, cushion sole												
*	Shoepacs, 12	in., w/2 pr. socks, wool, ski; 1 pr.												
	insoles, 1	felt												
	HANDGE	AR												
		, leather, w/2pr. inserts, wool			-	-	-		_	_				
*	Mittens, Arci	s, w/2 pr. inserts, trigger finger tic, w/2 pr. inserts, trigger—finger												
*	Mittens, ove	rwhite	_						1				_	
	HEADGE	A R										1		
	Cap. field. ca	otton,od,w/visor			<u> </u>	_			_			_		
*	Cap, field, pi	le, od, MQ-1				-			├		ļ	$\vdash$	-	
*	Mask, cheek   Muffler, wool	protector, Arctic												
									t					
	SLEEPIN	=												
*	Bag, sleeping	;, mountain												
*	Blanket, woo	1, od												
*	Case, water i	repellent, bag, sleeping												
	OTHER I	TEMS												
·*		(See Introduction)									_	_		
.,														
									l			L	5/2	5/50

Item usually required in this month \* Item usually required in indicated months, but must be procured specially because "discretionary" in this zone

## SOUTH CENTRAL ASIA V-I (below 3,000 ft.)

		Jan	Feb	Mar	Арг	May	Jun	Jul	Aug	Sep	Oct	Nov	D•
	BODY CLOTHING							· · · · ·					
	Jacket, field, w/hood, jacket & overcoat				_				_				
K	Jacket, field, pile, od												
	Jacket & Trousers, herringbone twill												
k	Overcoat, wool, od		-										-
	OR Overcoat, parka type, w/pile liner												
k	Parka & Trousers, field, overwhite			-									
r	Parka & Trousers, wet weather												
ķ	Raincoat												
	Shirt & Trousers, cotton, khaki						-	-					
	Sweater, high neck												
	Trousers, field, cotton, od		_			_			-				
	Undershirt & Drawers, winter						-						_
	FOOTGEAR												
k	Boots, Arctic, felt, w/lpr. socks, wool, cushion sole;					Ì							
	2pr. socks, wool, ski; Ipr. insoles, felf, OR Boots, mukluk, w/Ipr. socks, wool, cushion sole; 2pr.												
	socks, wool, ski; I pr. socks, felt; 2 pr. insoles, felt				!							İ	
K	Boots, knee wader	_				[							
	Boots, service, combat, russet, OR Shoes, service; w/lpr. socks, wool, cushion sole												
•	Shoepacs, 12 in., w/2 pr. socks, wool, ski;												
	ipr. insoles, felt		-				-						_
	HANDGEAR					ĺ							
	Glove-shells, leather, w/2pr. inserts, wool		_										
٤	Mitten - shells, w/2 pr. inserts, trigger-finger												
	Mittens, Arctic, w/2pr. inserts, trigger-finger Mittens, overwhite		_			-							
	HEADGEAR					1					1		
	Cop, field, cotton, od, w/visor	-	-	_		-							
	Cap, field, pile, od, MQ-1												
	Mask, cheek protector, Arctic						$\Box$						
	Muffler, wool, od		$\dashv$						∔				
	SLEEPING EQUIPMENT				ļ					.			
	Bag, sleeping, Arctic												
	Bag, sleeping, mountain										$\exists$		
	Bag, sleeping, wool			-	-	-	-	-		-	-		
	Case, water repellent, bag, sleeping						_						
	, , , , , , , , , , , , , , , , , , , ,												
	OTHER ITEMS												
	Anti-insect (See Introduction)						$\perp$						
					T			T		5			

Item usually required in this month
\* Item usually required in indicated months, but must be procured specially because "discretionary" in this zone.

## SOUTH CENTRAL ASIA V-1 (3,000-6,000 ft.)

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
	BODY CLOTHING												
*	Jacket, field, w/hood, jacket & overcoat Jacket, field, pile, od												
	Overcoat, wool, od												
*	Parka & Trousers, field, overwhite												
*	Shirt & Trousers, cotton, khaki												
	Undershirt & Drawers, winter												
*	FOOTGEAR  Boots, Arctic, felt, w/lpr. socks, wool, cushion sole; 2 pr. socks, wool, ski; lpr. insoles, felt, OR Boots, mukluk, w/lpr. socks, wool, cushion												
	sole; 2 pr. socks, wool, ski; 1 pr. socks, felt; 2 pr. insoles, felt												
*	Boots, knee wader												
*	Shoepacs, 12 in., w/2 pr. socks, wool, ski; 1 pr. insoles, felt												
	HANDGEAR												İ
**	Glove-snells, leather, w/2pr. inserts, wool. Mitten-shells, w/2pr. inserts, trigger finger. Mittens, Arctic, w/2pr. inserts, trigger-finger. Mittens, overwhite												
	HEADGEAR												
*	Cap, field, cotton, od, w/visor												
	SLEEPING EQUIPMENT												
	Bag, sleeping, mountain												
	OTHER ITEMS												
*	Anti-insect (See Introduction)												
	Item usually required in this month							1			٧ı	5/2	5/5

Item usually required in this month
Item usually required in indicated months, but must be procured
specially because "discretionary" in this zone

## SOUTH CENTRAL ASIA V-1 (6,000-10,000)

		Jan	Feb	Mar	Apr	May	nut	Jul	Aug	Sep	Oct	Nov	Dec
	BODY CLOTHING												
	Jacket, field, w/hood, jacket & overcoat	_			_						_		_
	Jacket, field, pile, od	_						<u> </u>				-	-
¥	Jacket & Trousers, herringbone twill												
•	Overcoat, wool, od												
*	Parka-liner, pile, & Parka-shell, cotton, od, OR												
*	Overcoat, parks type, w/pile liner												
	Parka & Trousers, wet weather,												
*	Poncho, lightweight, od												
	Shirt & Trousers, cotton, khaki												
	Shirt, flannel, od, & Trousers, field, wool, od Sweater, high neck												
	Trousers, field, cotton, od.												
	Undershirt & Drawers, winter		-	_				_					-
	50070545												
	FOOTGEAR												
*	Boots, Arctic, felt, w/lpr. socks, wool, cushion sole; 2 pr. socks, wool, ski; 1 pr. insoles,										1		
	felt, OR Boots, mukluk, w/lpr. socks, woot, cushion												
	sole; 2 pr. socks, wool, ski; lpr. socks, felt;								l i				
*	2 pr. insoles, felt				<b></b>			-			-		-
т	Boots, service, combat, russet, OR Shoes, service;												Г
	w/lpr. socks, wool, cushion sole Shoepacs, 12 in., w/2 pr. socks, wool, ski; 1 pr. insoles,	$\vdash$											-
	felt												
	HANDGEAR												
	Glove-shells, leather, w/2 pr. inserts, wool		_										
	Mitten-shells, w/2pr. inserts, trigger-finger												_
	Mittens, Arctic, w/2 pr. inserts, trigger-finger Mittens, overwhite												
	HEADGEAR												
	Cap, field, cotton, od, w/visor												_
	Cap, field, pile,od, MQ-1				-						_		_
*	Mask, cheek protector, Arctic												
	SLEEPING EQUIPMENT												
	Bag, sleeping, Arctic				$oxed{oxed}$								_
*	Bag, sleeping, mountain	$\vdash$											-
*	Bag, sleeping, wool		_										
	Case, water repellent, bag, sleeping												
													1
	OTHER ITEMS												
*	Anti-insect (See Introduction)												

Item usually required in this month

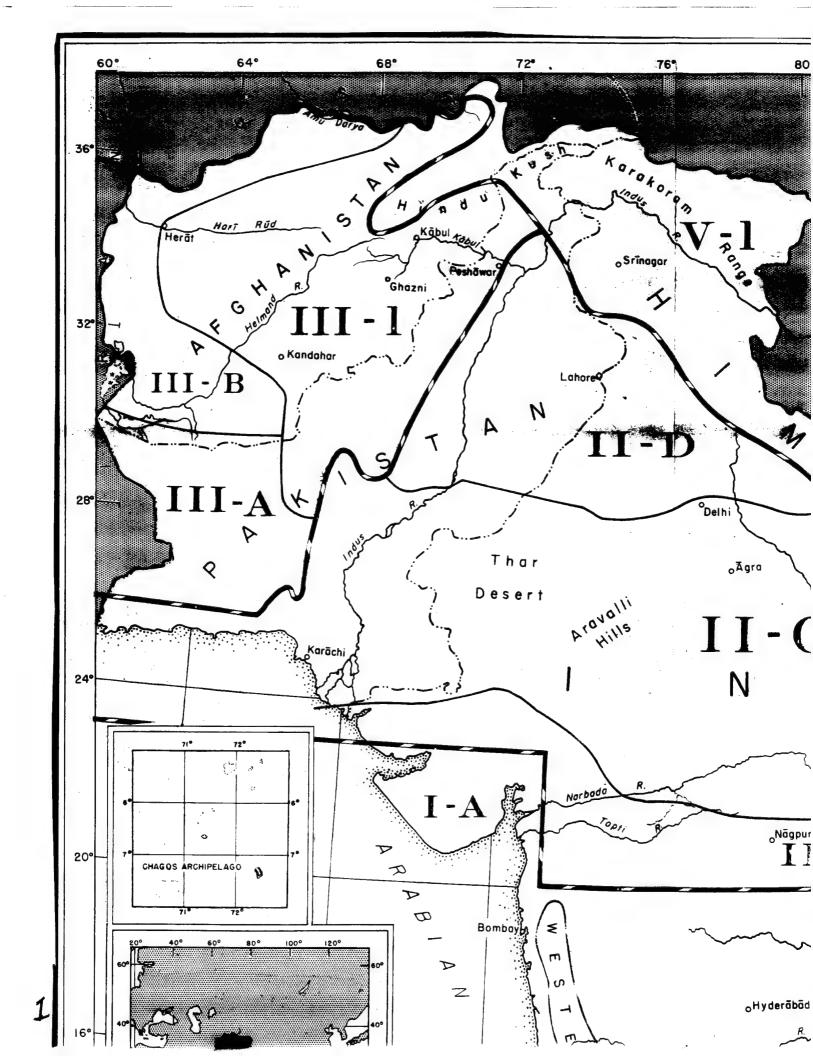
<sup>\*</sup> Item usually required in indicated months, but must be procured specially because "discretionary" in this zone.

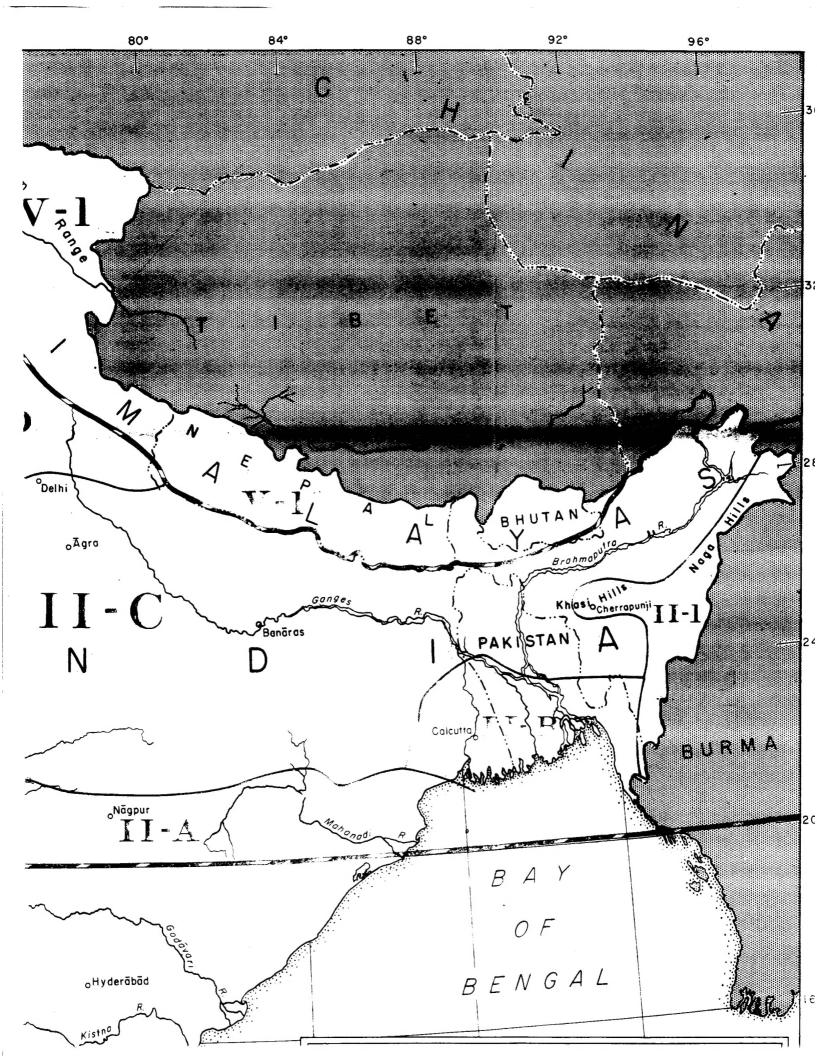
### SOUTH CENTRAL ASIA V-1 (above 10,000 ft.)

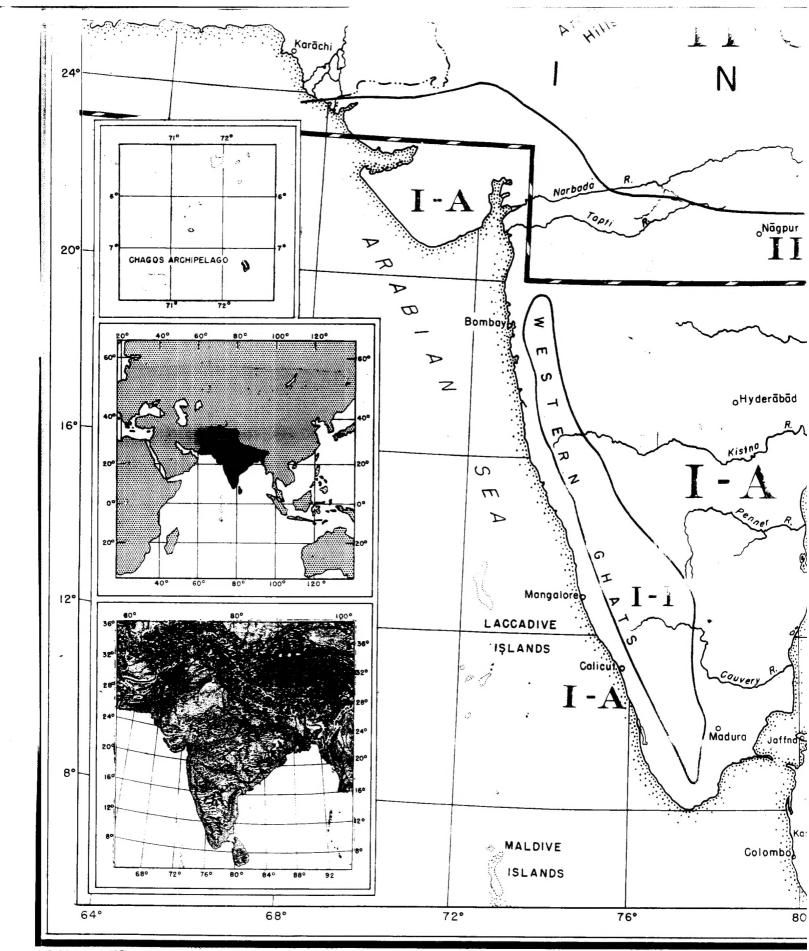
		Jan	Feb	Mar	Apr	May	jun	Jul	Aug	Sep	Oct	Nov	Dec
	BODY CLOTHING												
	Jacket, field, w/hood, jacket & overcoat				_			_		-		_	_
	Jacket, field, pile, od												
*	Jacket & Trousers, herringbone twill											_	
	Overcoat, wool, od				_						<u> </u>		<u> </u>
•	Overcoat, parka type, w/pile liner	_						_	<u> </u>		-	_	_
*	Parka & Trousers , field, overwhite												
	Poncho, lightweight, od	-						-					
*	Raincoat												
	Shirt, flannel, od, & Trousers, field, wool, od		-										
	Sweater, high neck												
	Undershirt & Drawers, winter	_						-					
	FOOTGEAR												
ı.	Boots, Arctic, felt, w/lpr. socks, wool,												
•	cushion sole; 2 pr. socks, wool, ski; l pr. insoles,												
	felt, OR Boots, mukluk, w/lpr. socks, wool, cushion sole; 2 pr. socks, wool, ski; lpr. socks, felt;								1				
	2 pr. insoles, felt											_	_
*	Boots, knee wader												
	w/lpr.socks.wool.cushion sole				-						-		
	Shoepacs, 12 in., w/2 pr. socks, wool, ski; I pr. insoles, felt												
	HANDGEAR										1		
¥	Glove-shells, leather, w/2 pr. inserts, wool Mitten-shells, w/2 pr. inserts, trigger-finger												
*	Mittens, Arctic, w/2 pr. inserts, trigger-finger			_								-	
*	Mittens, overwhite							-					
	HEADGEAR								·				
	Cap, field, cotton, od, w/visor										_		_
ماء	Cap, field, pile,od, MQ-I				_						_		
*	Muffler, wool, od												
	SLEEPING EQUIPMENT												
	Bag, sleeping, Arctic												
*	Bag, sleeping, wool												-
	Blanket, wool, od												
~													
	OTHER ITEMS												
*	Anti-insect (See Introduction)												-
											V 11		5/5

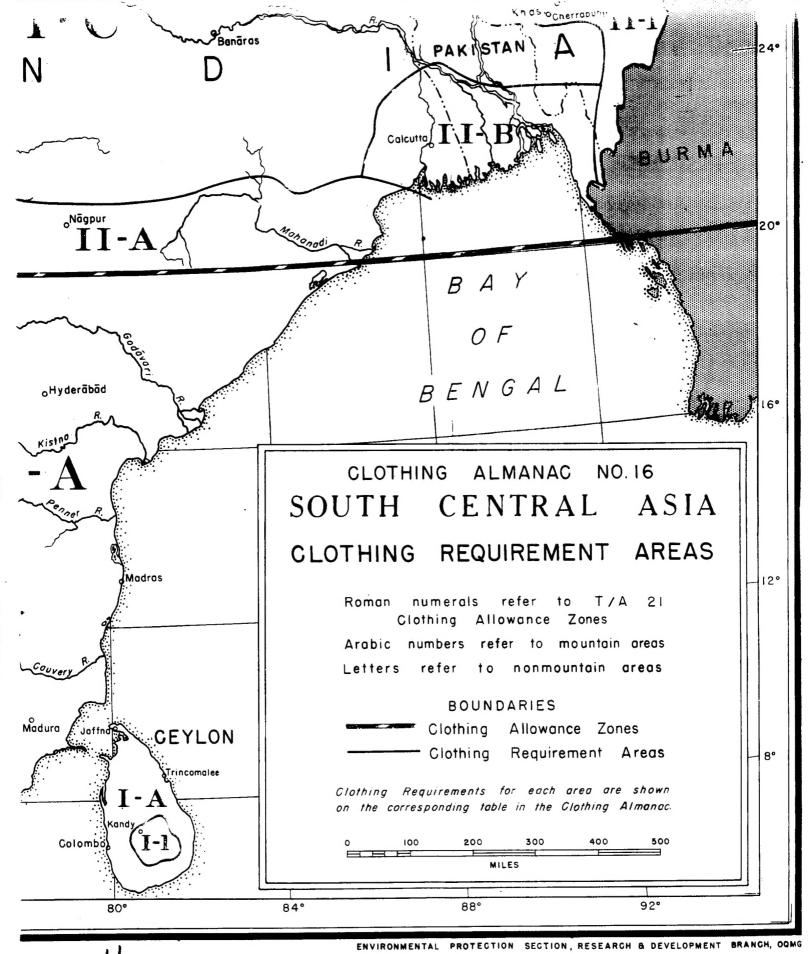
<sup>Item usually required in this month

Item usually required in indicated months, but must be procured specially because "discretionary" in this zone.</sup> 









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